PART B - FEE(S) TRANSMITTAL Mail Stop ISSUE FEE omplete and secothis form, together with applicable fee(s), to: Mail Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 (703) 746-4000 or Fax INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed wh approximate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address indicated that the current correspondence address indicated that the current correspondence address; and/or (b) indicating a separate "FEE ADDRESS" maintenance fee notifications. Note: A certificate of mailing can only be used for domestic mailings of Fee(s) Transmittal. This certificate cannot be used for any other accompany papers. Each additional paper, such as an assignment or formal drawing, m have its own certificate of mailing or transmission. CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1) 7590 32588 APPLIED MATERIALS, INC. Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the Un States Postal Service with sufficient postage for first class mail in an envel addressed to the Mail Stop ISSUE FEE address above, or being facsim transmitted to the USPTO, on the date indicated below. 2881 SCOTT BLVD. M/S 2061 SANTA CLARA, CA 95050 (Depositor's na Sheri Griffin (Signat (D CONFIRMATION NO. FIRST NAMED INVENTOR ATTORNEY DOCKET NO. APPLICATION NO. FILING DATE 07/13/2001 Matthew J. Jolley 005850USA/ETEC/MBE 2800 09/905,561 TITLE OF INVENTION: PATTERN GENERATION METHOD AND APPARATUS USING CACHED CELLS OF HIERARCHICAL DATA DATE DUE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE APPLN. TYPE \$1330 \$300 \$1630 10/01/2004 NO nonprovisional CLASS-SUBCLASS **EXAMINER** ART UNIT FERNANDEZ, KALIMAH 2881 250-492220 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). 2. For printing on the patent front page, list (1) the Shirley Church names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. attorneys or agents. If no name is listed, no name will be printed. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment. (B) RESIDENCE: (CITY and STATE OR COUNTRY) (A) NAME OF ASSIGNEE Applied Materials, Inc. Santa Clara, CA individual X corporation or other private group entity Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ governm 4a. The following fee(s) are enclosed: 4b. Payment of Fee(s): (a) A check in the amount of the fee(s) is enclosed. ₩ Issue Fee Publication Fee ☐ Payment by credit card. Form PTO-2038 is attached. 2 The Director is hereby authorized by charge the required fee(s), or credit any overpayment Deposit Account Number 50-1074 (enclose an extra copy of this form). Advance Order - # of Copies Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. Authorize Signat (Date) 09905561 09/28/2004 FFANAIA3 00000108 501074 NOTE; The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office. 1330.00 DA 01 FC:1501 This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450. 02 FC:1504 300.00 DA

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

()

03 FC:8001

6.00 DA